

Datasheet for ABIN7274829

**HSPE1 Protein (AA 2-102) (His-Avi Tag)**[Go to Product page](#)**1** Image

## Overview

Quantity:	100 µg
Target:	HSPE1
Protein Characteristics:	AA 2-102
Origin:	Human, Mouse, Goat
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This HSPE1 protein is labelled with His-Avi Tag.

## Product Details

Purpose:	Human/Mouse/Goat Cpn10/HSPE1 Protein
Sequence:	Ala2-Asp102
Characteristics:	Recombinant Human/Mouse/Goat Cpn10/HSPE1 Protein is expressed from E.coli with His tag and Avi tag at the N-Terminus. It contains Ala2-Asp102.
Purity:	> 95 % as determined by Tris-Bis PAGE
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

## Target Details

Target:	HSPE1
Alternative Name:	Cpn10 ( <a href="#">HSPE1 Products</a> )

## Target Details

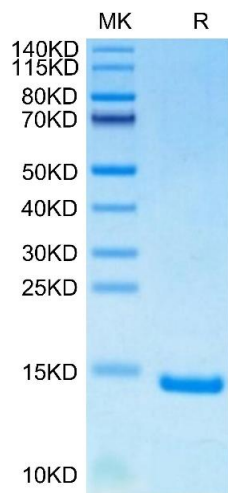
Background:	Cpn10/HSPE, a 10- kDa heat shock protein, is a novel interacting partner of NPAT. A pool of Cpn10 is colocalized with NPAT foci during G1 and S phases in nuclei.Cpn10 is important for S phase progression and cell proliferation. Interaction of Heat Shock Protein Cpn10 with the Cyclin E/Cdk2 Substrate Nuclear Protein Ataxia-Telangiectasia (NPAT) Is Involved in Regulating Histone Transcription
Molecular Weight:	13.70 kDa same as Tris-Bis PAGE result.
NCBI Accession:	<a href="#">XP_005676362</a>
Pathways:	<a href="#">Positive Regulation of Endopeptidase Activity</a>

## Application Details

Restrictions:	For Research Use only
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## Handling

Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22µm filtered solution in PBS ( pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	-20 to -80°C for 12 months as supplied from date of receipt.,-80°C for 3-6 months after reconstitution.,2-8°C for 2-7 days after reconstitution.,Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months



SDS-PAGE

**Image 1.** Human/Mouse/Goat Cpn10 on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .